



Application No.: 10/504,823
Art Unit: 2424

Amendment under 37 CFR §1.116
Attorney Docket No.: 042682

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

Claim 1 (Currently Amended): A television system comprising a main television set and a sub-television set, wherein

the main television set comprises:

a plurality of tuners;

a matrix switch for selecting, out of receiving signals received by the plurality of tuners, the receiving signal for broadcasting on the main television set as well as selecting the receiving signal for broadcasting on the sub-television set;

a first signal processing circuit for processing the receiving signal for broadcasting on the main television set selected by the a matrix switch, to generate a video signal and an audio signal for broadcasting on the main television set;

a first wireless transmission unit for wireless-transmitting to the sub-television set the receiving signal for broadcasting on the sub-television set selected by the matrix switch; and

a first control means unit for controlling the plurality of tuners, the matrix switch, and the first wireless transmission unit, and

the sub-television set comprises:

a second wireless transmission unit for receiving the receiving signal for broadcasting on the sub-television set transmitted from the first wireless transmission unit in the main television set;

a second signal processing circuit for processing the receiving signal for broadcasting on the sub-television set received by the second wireless transmission unit, to generate a video signal and an audio signal for broadcasting on the sub-television set; and

a second control unit for controlling the second wireless transmission unit,
wherein

the plurality of tuners comprise a digital satellite wave tuner, a digital terrestrial wave tuner and an analog terrestrial wave tuner,

the matrix switch selects a digital AV stream for broadcasting on the main television set and a digital AV stream for broadcasting on the sub-television set, out of a plurality of digital AV streams which have a common signal form,

a first digital AV stream outputted from the digital satellite wave tuner is inputted to the matrix switch,

a second digital AV stream outputted from the digital terrestrial wave tuner is inputted to the matrix switch, the second digital AV stream having the signal form common to the first digital AV stream,

an analog video signal and an analog audio signal which are outputted from the analog terrestrial wave tuner are encoded after being respectively converted into digital signals, and are further multiplexed to be converted into a third digital AV stream, which is then inputted to the matrix switch, the third digital AV stream having the signal form common to the first digital AV stream, and

the first signal processing circuit comprises a decoder for decoding the digital AV stream for broadcasting on the main television set selected by the matrix switch.

Claim 2 (Original): The television system according to claim 1, characterized in that the first wireless transmission unit and the second wireless transmission unit can bidirectionally communicate various types of commands to each other.

Claim 3 (Canceled)

Claim 4 (Canceled)

Claim 5 (Previously Presented): The television system according to claim 1, characterized in that

there is provided a switch for selecting either the video signal and the audio signal which are generated by the first signal processing circuit or the video signal and the audio signal which are outputted from the analog terrestrial wave tuner and have not been encoded and outputting the selected video signal and audio signal,

the switch is so controlled that when the digital AV stream for broadcasting on the main television set selected by the matrix switch is the digital AV stream generated on the basis of the output of the analog terrestrial wave tuner, the video signal and the audio signal which are outputted from the analog terrestrial wave tuner and have not been encoded are selected, and

the switch is so controlled that when the digital AV stream for broadcasting on the main television set selected by the matrix switch is the digital AV stream outputted from the digital satellite wave tuner or the digital terrestrial wave tuner, the video signal and the audio signal which are generated by the first signal processing circuit are selected.